

## Freeform Search

**Database:**  US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Term:**   
[] []

**Display:**  Documents in **Display Format:**  Starting with Number

**Generate:**  Hit List  Hit Count  Side by Side  Image

[] [] []

---

### Search History

---

**DATE:** Tuesday, November 22, 2005 [Printable Copy](#) [Create Case](#)

**Set Name Query**  
side by side

*DB=USPT; PLUR=YES; OP=ADJ*

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
<u>L9</u>	166/186.ccls. and l6	1	<u>L9</u>
<u>L8</u>	ratchet and L7	11	<u>L8</u>
<u>L7</u>	shear pin and L6	26	<u>L7</u>
<u>L6</u>	l4 and L5	178	<u>L6</u>
<u>L5</u>	cam or wedge	296387	<u>L5</u>
<u>L4</u>	stop ring and L3	562	<u>L4</u>
<u>L3</u>	l1 and L2	70946	<u>L3</u>
<u>L2</u>	concentric or (inner tub\$4 and outer tub\$4)	176366	<u>L2</u>
<u>L1</u>	seal\$3 or packer	746033	<u>L1</u>

END OF SEARCH HISTORY

## Freeform Search

---

**Database:**  US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Term:**

**Display:**  20 Documents in Display Format:  CIT Starting with Number  1

**Generate:**  Hit List  Hit Count  Side by Side  Image

---

Search  Clear  Interrupt

---

### Search History

---

**DATE:** Tuesday, November 22, 2005 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

DB=USPT; PLUR=YES; OP=ADJ

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
	result set		
<u>L10</u>	stop ring and lock ring and L9	10	<u>L10</u>
<u>L9</u>	l7 and L8	285	<u>L9</u>
<u>L8</u>	166/191.ccls. or 166/186.ccls. or 166/208.ccls. or 166/120.ccls.	1238	<u>L8</u>
<u>L7</u>	l5 and L6	35669	<u>L7</u>
<u>L6</u>	inner and outer and tub\$4	318397	<u>L6</u>
<u>L5</u>	l2 and l3 and L4	86000	<u>L5</u>
<u>L4</u>	mechanical or hydraulic or fluid pressure	838959	<u>L4</u>
<u>L3</u>	annular or annulus	431232	<u>L3</u>
<u>L2</u>	seal\$3 or packer	746033	<u>L2</u>
<u>L1</u>	5333692.bn.	1	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
stop ring and L5	26

Database:

- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search:

L6

Refine Search

Recall Text 

Clear

Interrupt

### Search History

DATE: Tuesday, November 22, 2005 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
	DB=USPT; PLUR=YES; OP=ADJ		
<u>L6</u>	stop ring and L5	26	<u>L6</u>
<u>L5</u>	166/\$.ccls. and l2	245	<u>L5</u>
<u>L4</u>	166/186.ccls. and l2	0	<u>L4</u>
<u>L3</u>	arm and ratchet and L2	27	<u>L3</u>
<u>L2</u>	annular seal and wedge	1280	<u>L2</u>
<u>L1</u>	spring load near seal	24	<u>L1</u>

END OF SEARCH HISTORY

## Freeform Search

---

**Database:**  US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Term:** stop ring and lock ring and L9

**Display:** 20 Documents in **Display Format:** CIT Starting with Number 1

**Generate:**  Hit List  Hit Count  Side by Side  Image

---

---

### Search History

---

DATE: Tuesday, November 22, 2005 [Printable Copy](#) [Create Case](#)

**Set Name** **Query**

side by side

DB=USPT; PLUR=YES; OP=ADJ

<b><u>Set Name</u></b>	<b><u>Query</u></b>	<b><u>Hit Count</u></b>	<b><u>Set Name</u></b>
L10	stop ring and lock ring and L9	10	<u>L10</u>
L9	l7 and L8	285	<u>L9</u>
L8	166/191.ccls. or 166/186.ccls. or 166/208.ccls. or 166/120.ccls.	1238	<u>L8</u>
L7	l5 and L6	35669	<u>L7</u>
L6	inner and outer and tub\$4	318397	<u>L6</u>
L5	l2 and l3 and L4	86000	<u>L5</u>
L4	mechanical or hydraulic or fluid pressure	838959	<u>L4</u>
L3	annular or annulus	431232	<u>L3</u>
L2	seal\$3 or packer	746033	<u>L2</u>
L1	5333692.pn.	1	<u>L1</u>

END OF SEARCH HISTORY